

Merrimack 10136D

Widening of NH 101A

Public Informational Meeting

August 23, 2018

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Widening NH 101A and Intersection Improvements

- History
 - Initiated in 1985 as NH 101A By-pass Study under Milford to Nashua 10136 project
 - Updated Corridor Study Completed in 2002
 - Merrimack 10136D added to the 2015-2024 Ten-Year Plan in FY2024

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- Corridor Needs:
 - Capacity deficiencies
 - Poor pedestrian accommodations
 - Craftsman Lane used as bypass through residential areas

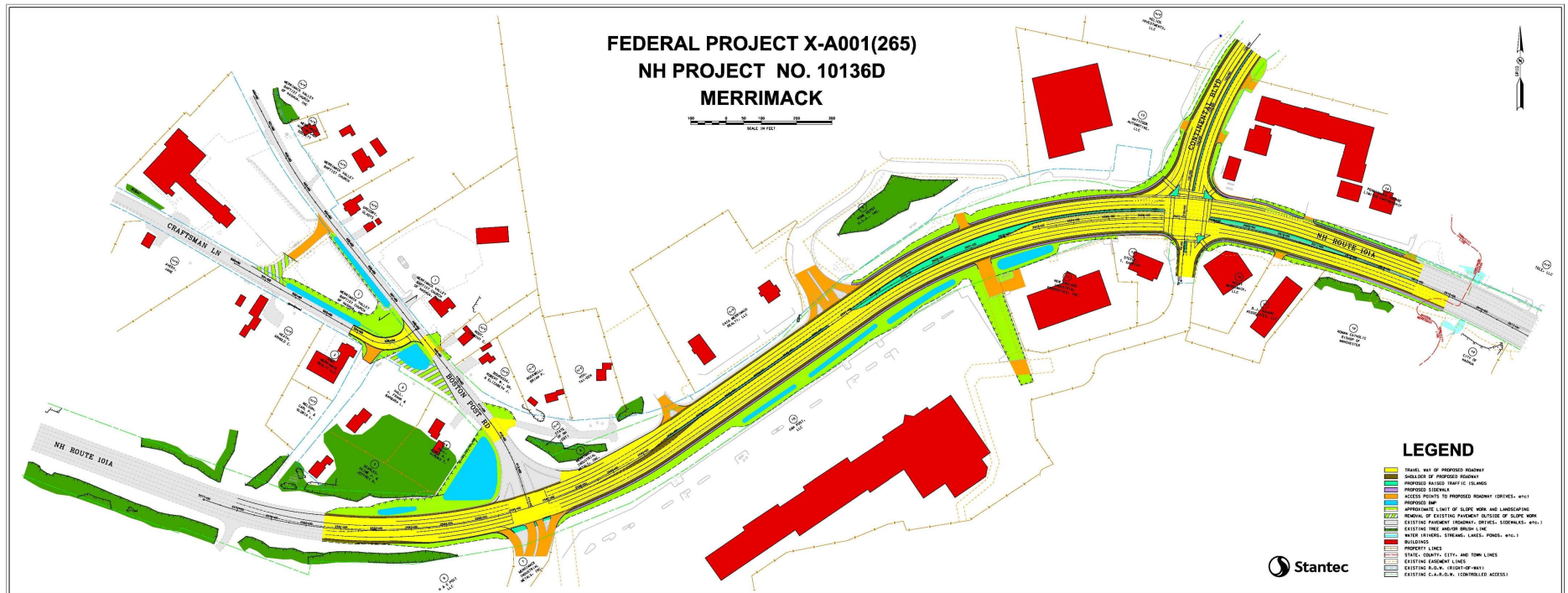
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- Previous Work:
 - Preliminary Design carried through Alternatives Analysis in 2015
 - Reviewed at Public Informational Meeting July 27, 2015

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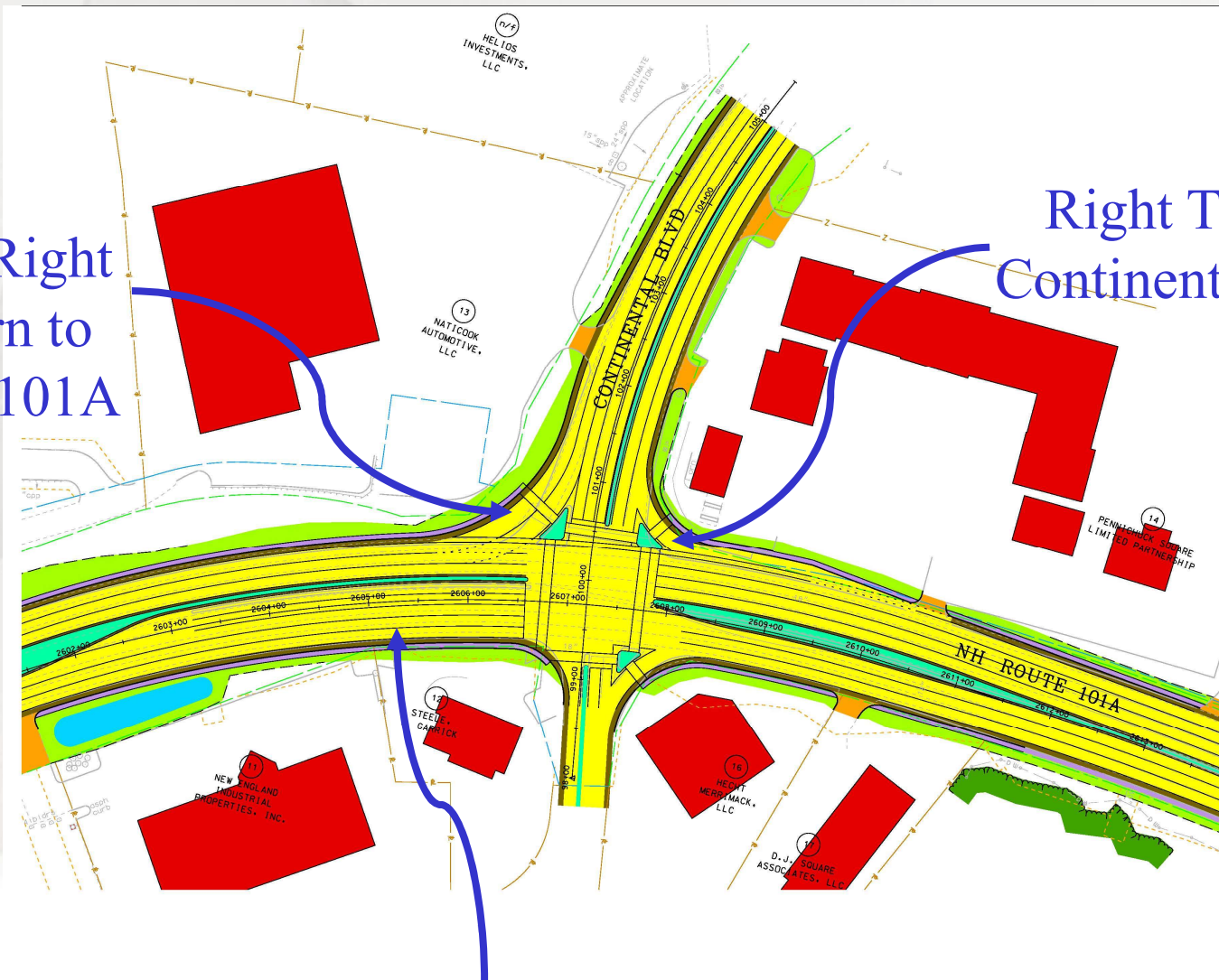
- Widening of NH101A from Boston Post Road to Continental Boulevard
 - Adds third EB through-lane
 - Adds 2nd right-turn lane from Continental Boulevard to NH 101A WB
 - Adds right-turn lane from NH 101A WB to Continental Boulevard

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2nd Right
Turn to
NH 101A

Right Turn to
Continental Blvd.



3rd EB Thru Lane

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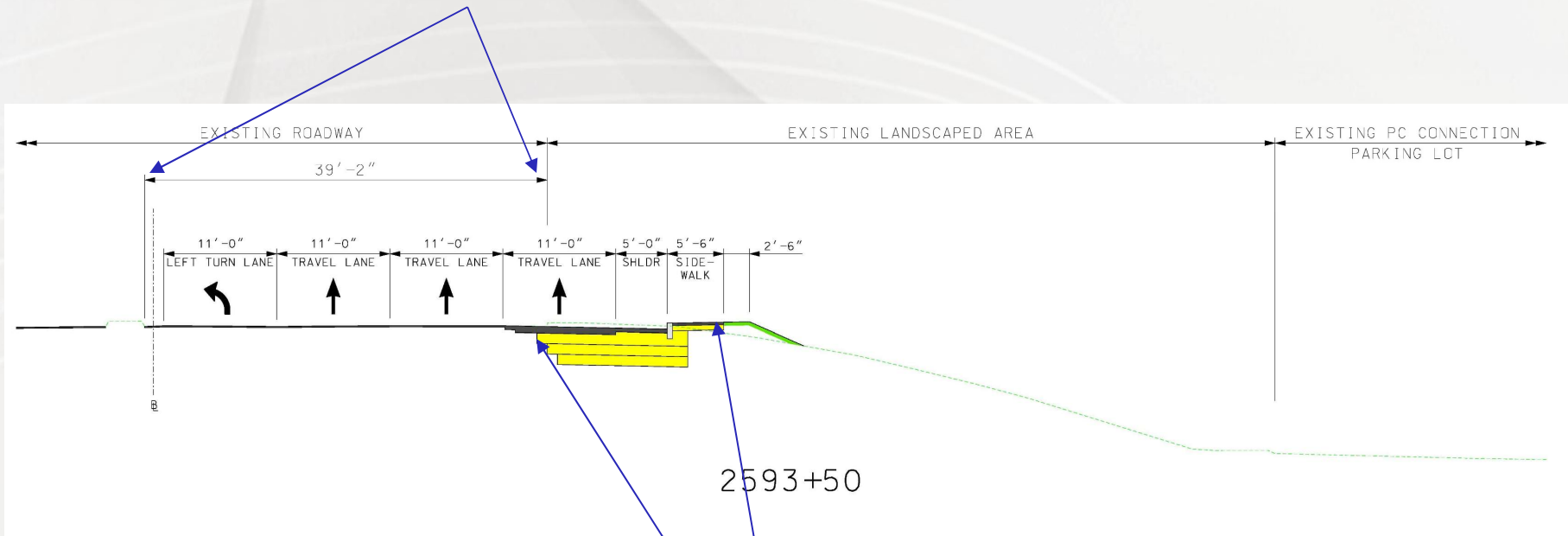
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- Sidewalk connectivity between Turnpike and Boston Post Road
 - Adds eastbound sidewalk between Continental Boulevard and Boston Post Road
 - Crosswalk provided across NH 101A at Continental Boulevard
 - Bike accommodations incorporated at Continental Boulevard intersection

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Existing 2-Travel Lanes, Left Turn Lane and Shoulder

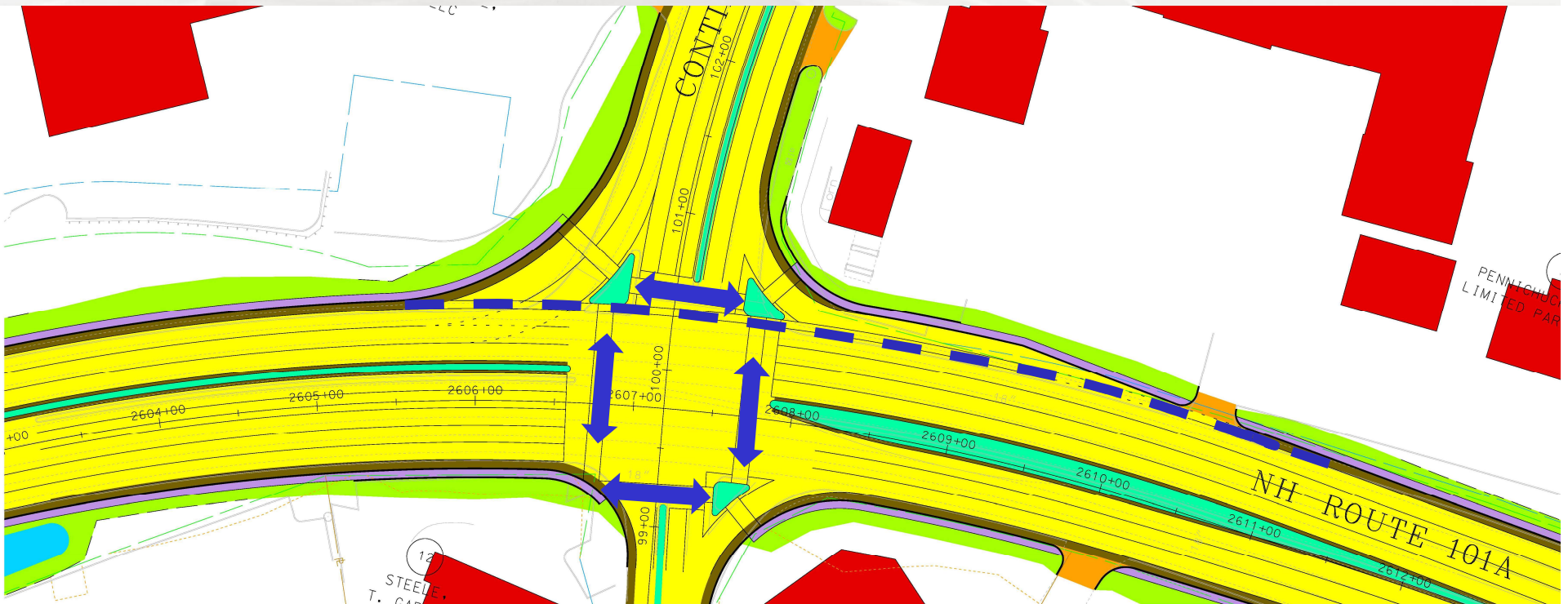


Widening and New Sidewalk

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- Dedicated WB Bike Lane -
- Pedestrian Crosswalks – All Legs -



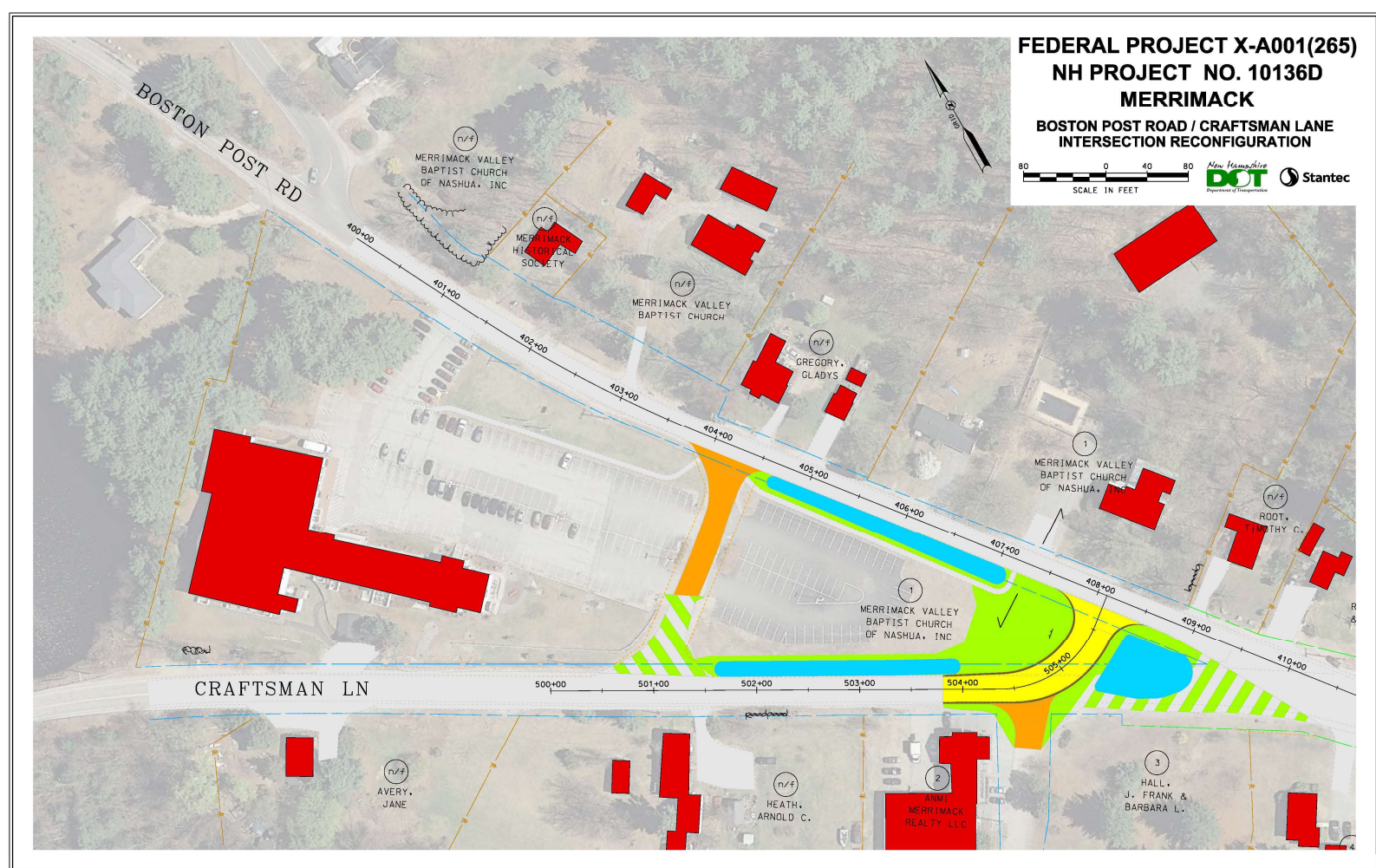
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Widening NH 101A and Intersection Improvements

- Craftsman Lane traffic calming
 - Reconfigures Boston Post Road / Craftsman Lane intersection
 - Creates 90-degree intersection
 - Discontinue public Right-of-way through church parking lot

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Widening NH 101A and Intersection Improvements

- Environmental Considerations
 - National Environmental Policy Act – NEPA
 - Categorical Exclusion
 - Natural Resources:
 - Minimal wetland impacts anticipated
 - Shoreland Permit Required
 - Water Quality – Stormwater Treatment Improvements Planned
 - Northern Long Eared Bat protections
 - Invasive Species Management
 - Cultural Resources
 - No impacts identified

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Widening NH 101A and Intersection Improvements

The Bureau of Environment of the New Hampshire Department of Transportation has the responsibility of investigating the potential impacts that our projects will have on the surrounding natural, cultural, and social environments. The environmental review is being conducted by our consultant Stantec, the findings will be summarized in an environmental document.

The Department has reviewed the project area to determine if there are any historical or archaeological resources within the area that would be affected by the construction of this project. Historic properties can include buildings and structures fifty years or older as well as archaeological sites. It has been determined that this project will not result in any impacts to historic and cultural resources.

With regard to potential impacts to other resources, this project is not expected to involve substantial impacts to noise levels, air quality, hazardous materials, wetlands or floodplains. As part of the project, the Department will secure all necessary environmental permits prior to construction. We are asking that if anyone has concerns about the above-mentioned resources in or immediately adjacent to the project area, they bring them to our attention tonight or contact the Bureau of Environment, at 271-3226.

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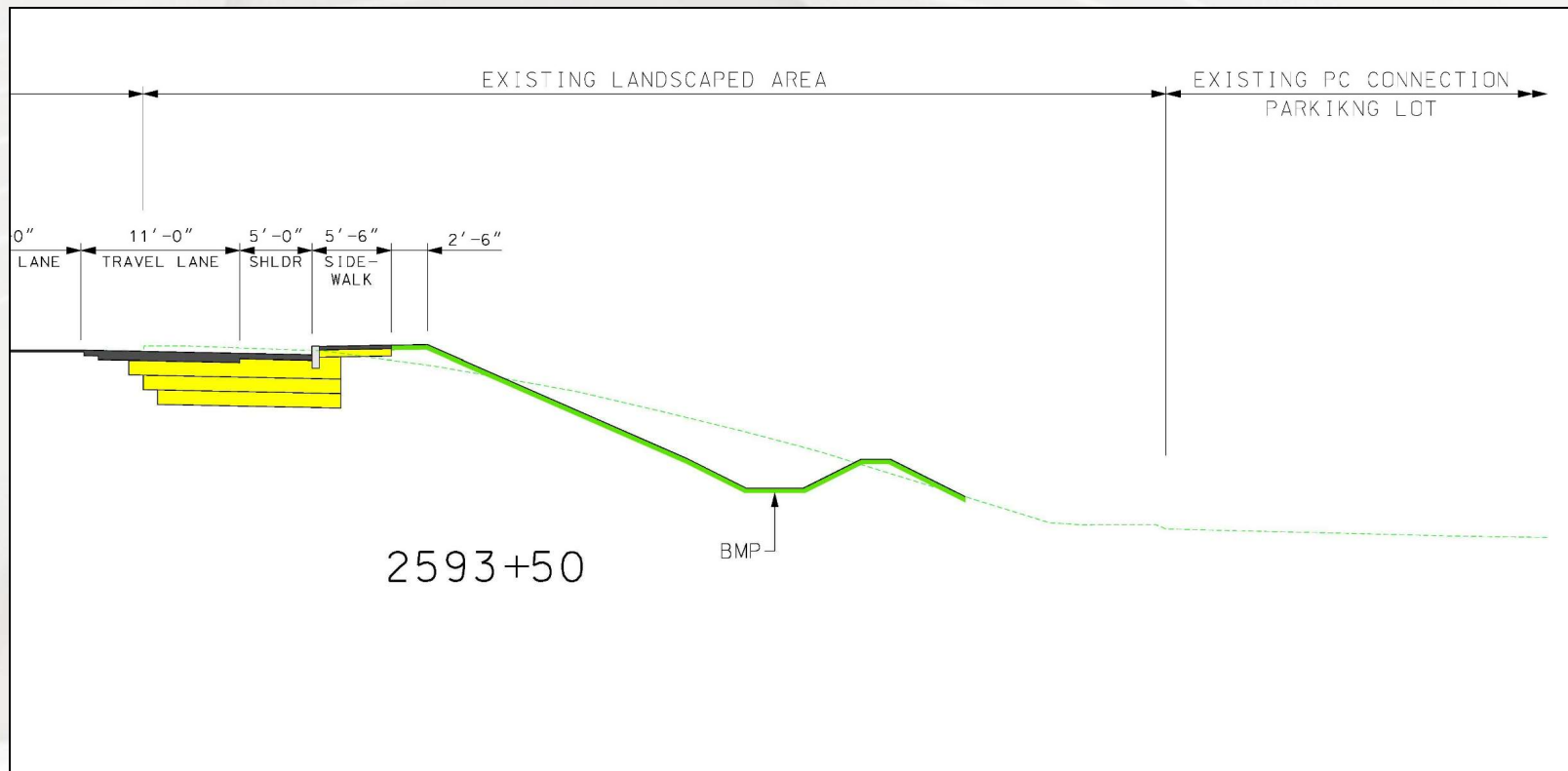
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- Stormwater Management
 - New Regulations – Increased Treatment Requirements
 - Treatment for 100% of Impervious Area Within Project Limits
 - 9 Proposed BMPs
 - » Detention Pond
 - » Bioretention Ponds
 - » Bio-Swales

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- Example Stormwater BMP Section



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Widening NH 101A and Intersection Improvements

- Construction Duration
 - 2 Seasons
 - Minimize traffic impacts
 - Significant utility work
- Traffic Control During Construction
 - Majority of work to outside portion of roadways
 - Maintain lane configuration off work hours
 - Daily lane closures
 - Maintain business and abutter access

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- Utility Coordination:
 - Utility verifications on-going
 - Known aerial and underground private and public utilities within the project corridor
 - Detailed coordination and potential relocation planning to start in early 2019.
 - Planned widening and new ponds may require pole relocations
 - New drainage may impact underground systems

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- Right of Way Coordination:
 - Permanent and temporary easements anticipated to accommodate planned widening and new drainage, as well as access for construction and long term maintenance
 - Direct communications with potentially impacted abutters anticipated in early 2019.

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Widening NH 101A and Intersection Improvements

- Current Status:
 - Consultant Contract approved – Dec. 2017
 - Re-evaluation of Environmental Impacts
 - Public Hearing – September 2018
 - Scheduled to Advertise – Fall 2020
 - Construction – 2021 to 2022
 - Estimated construction cost – \$4.1 million

Thank You

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Additional Information:

<https://www.nh.gov/dot/projects/specifics.htm>

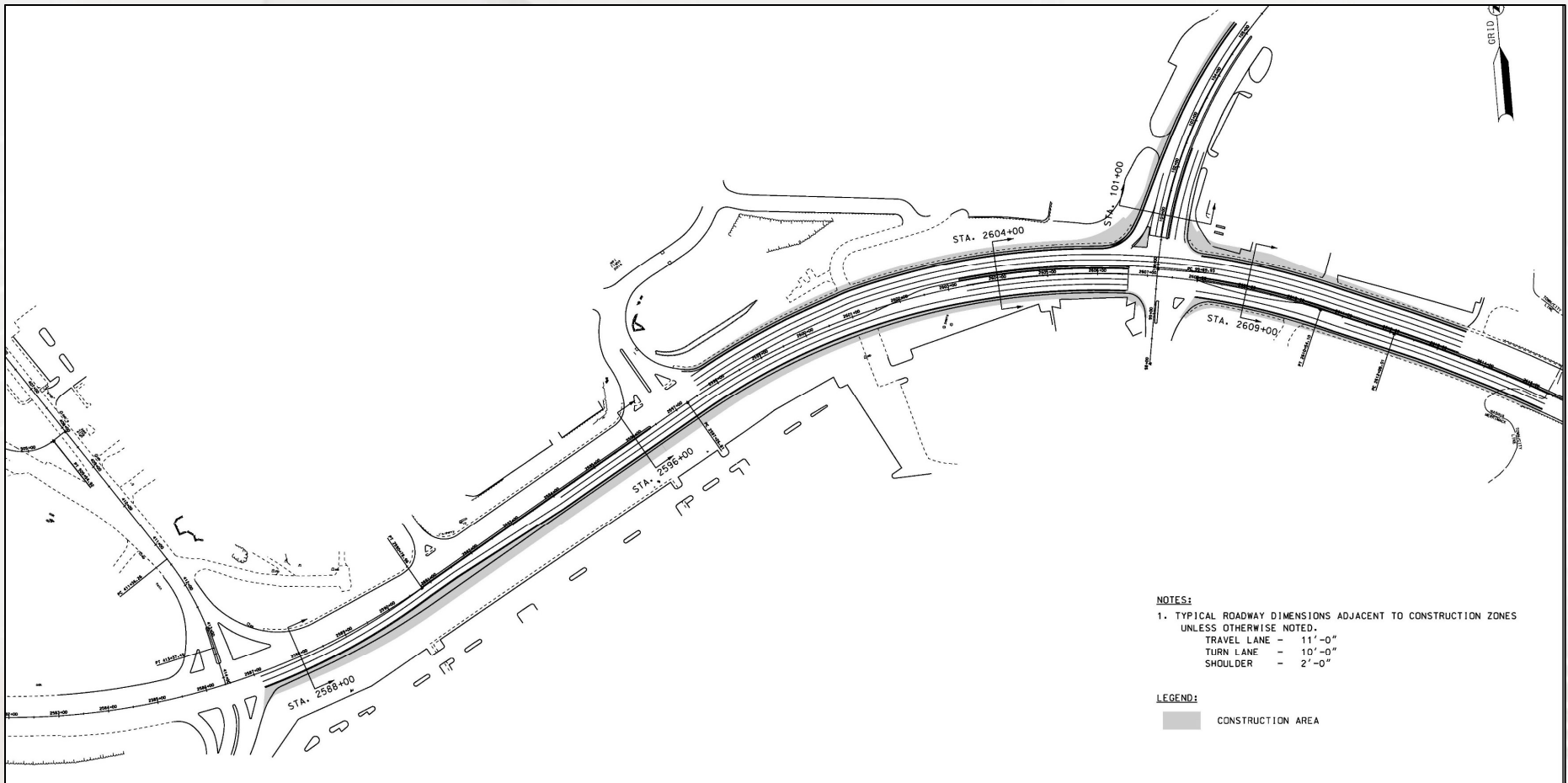






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